

November 15, 2021

Greetings:

The Trine University Department of Mathematics is pleased to invite you to participate in the **45<sup>th</sup> Annual Trine University Math Competition**. The competition date is **Wednesday, February 16, 2022**.

The qualifying winner in the advanced-level individual competition will receive a **\$5,000.00 tuition scholarship** to Trine University renewable up to 4 years (for a maximum value of \$20,000) subject to grade restrictions. Each of the four qualifying members of the winning team will be awarded a **\$3,000.00 tuition scholarship** to Trine University renewable up to 4 years (for a maximum value of \$12,000). A Math Competition Scholarship will be placed on top of a Trine merit scholarship, which is awarded upon admission to the University. However, the Math Competition Scholarship is viewed as a “stackable” award, and the University allows only two stackable awards above the merit scholarship. Students participating in multiple year competitions are limited to one Math Competition Scholarship (whichever award has higher value). Additionally, the value of the combined scholarships cannot exceed the cost of tuition and are only to be used for undergraduate full time tuition.

The competition consists of two parts.

- Part one is a team project, where the team works together on a problem and submits one solution.
- Part two is an individual competition (advanced and elementary levels) containing problems included in a high school mathematics curriculum.

A list of rules is enclosed. No calculators will be permitted for the exam.

The competition is limited to two hundred students. Each school may register up to a **total** of eight students (2 teams). A second registration period will open if there is available space. At that time a school may register additional students but no more than a total of 16 students (4 teams)

- First Online Registration Period: *November 22, 2021 through January 7, 2022.*
- Second Online Registration Period: registration will reopen if spaces are still available *January 10 through January 28, 2022.*

**\*\*Registration fee for 2022 is \$10.00 per team, \$2.00 per student not on a team\*\*.**

Cash or check made out to Trine University Math Competition should be brought the morning of the competition. A receipt will be provided. Lunch will be provided by the Math Department and the Department of Admissions.

Each student will need to register on line separately.

To register go to: <https://www.trine.edu/academics/majors-degrees/undergraduate/bs-mathematics/competition.aspx>

You can also go to Trine.edu and search math competition to register.

Trine University will present an award to the teacher of the winning team. The award will consist of funds to be used for math education by the sponsoring teacher or math department. Award will be \$500 for first place team, \$250 for second place team, and \$125 for third place team.

If you have any questions contact Trine University Department of Mathematics and Physics

Phone: (260) 665-4198 Teresa Davidson  
E-mail: [davidson@trine.edu](mailto:davidson@trine.edu)  
Mail: 1 University Avenue, Angola IN 46703

If we postpone due to weather/travel conditions on February 16th, the competition will take place Wednesday, February 23rd, 2022.

We look forward to having your students from join us in the competition on February 16, 2022.

Sincerely,

*Marissa Nichols*

Chair, Department of Mathematics and Physics